

**GUAM ASSEMBLY OF PLANNERS**

**PLENARY SESSION IV - COASTAL HAZARDS AND RISK REDUCTION**



# Coastal States Organization

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***EXPLORING THE SUITE OF FEDERAL  
PROGRAMS TO SUPPORT RISK REDUCTION***

***FEBRUARY 6, 2019***

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***SUPPORTING HEALTHY COASTS & STRONG COASTAL COMMUNITIES***



# Intro & Assembly Thus Far

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- Introduction and thanks and appreciation
- Leadership
- Comprehensive Planning
- Management
- Multifaceted balance of development and ecological and cultural
- Partnerships
- Laws: funding, enforcement, etc.
- Substance and Process



# CSO Brief History

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- **1966: Marine Resources & Engineering Development Act** to improve focus and coordination on the coasts and oceans
- Created **Stratton Commission to the President** , in **1968** called for Fed Gov & coastal states to ***collectively*** create a ***mechanism to manage better their coastal resources***
  - Recommendations led to the creation of NOAA & the CZMA.
- **1968:** first conference of maritime states convened by Governor of Florida & adopted resolution for more effective & suitable role for the maritime states in interstate & national marine affairs
- Steering committee was designated to draw up a **charter for a Coastal States Organization**
- January, **1970** meeting in GA provisional articles of organization were drawn up and resolution was passed by the delegates approving these articles



# Coastal States Organization

*A Voice for the States and Territories*

**Mission** - support the shared work and Vision of the coastal states and territories for the protection, conservation, responsible use, and sustainable economic development of the nation's coastal resources.



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# CZMA Brief History

- Authorizing legislation that creates a ***framework for partnership*** wherein states & territories manage their coastal zones with support from the federal government – cooperative federalism
- CZMA Congressional findings says: “The Congress finds that there is a national interest in the effective management, beneficial use, protection, and development of the coastal zone.”
- In 1972 Congress recognized the importance of **balancing preservation and protection of the resources of the coastal zone along with development**



# CSO Structure

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## Membership

- Governor-appointed delegates, CZM Managers

## Governance: Full and Executive Committee

- Elected Chair, Vice Chair, Treasurer, Past Chairs & Regional Representatives

## CSO Team

- Executive Director &  
2 permanent Staff
- 2 contract positions
- 3 Fellows







# CSO Functions

- In line with creation, CSO helps states & territories maintain their leadership role in the development & implementation of national coastal & ocean policy
- **Top down & bottom up** approach, congress, administration, others
- CSO is an important professional network for state coastal & ocean managers
- Standing and limited term Work Groups, grant projects, and more
- Member Meetings, DC and Member State/Territory, RAE-CSO Summit, Hill Briefings, Coastal Celebration on Capitol Hill
- Website, Social Media, and Publications: Bi-Weekly Newsletter: Blue Economy, State & Territory Fact Sheets, CZM Brochure, CSO Pamphlet, Habitats Fact Sheet, more



Rachel Carson National Wildlife Refuge, Maine

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# Work Groups

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Members convene Work Groups to implement specific initiatives or explore topic areas that are of broad importance to the membership.

- Coastal Hazards Planning & Adaptation
- Coastal Nonpoint Source Pollution
- Communications
- Legal Council



# Partnerships



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# Partnerships

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Digital Coast Partnership

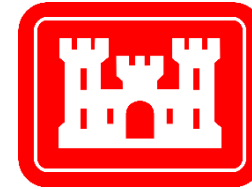
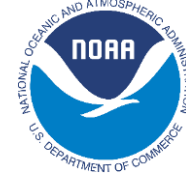
National Ocean Service Roundtable

Systems Approach to Geomorphic Engineering (SAGE)

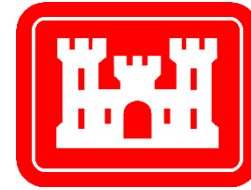
Community Rating System for Community Resilience

Beneficial Use Coalition

Natural Infrastructure Coalition



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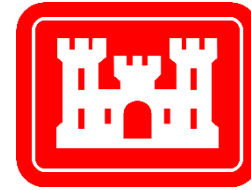


# USACE Resources

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## *Overview: Process and Substance*

- Process of engagement and partnership
  - *Broad to Narrow*: Using suite of authorities for Priorities
  - *Narrow to Broad*: Project Specific to authority
- High Level Look at:
  - FPMS, Technical Assistance, Silver Jackets
  - CAP Program authorities for Risk Reduction
- Utilize CSO, Congress, other agencies, and partnerships
- Opportunity for CZMA funds w/ USACE



# USACE Resources

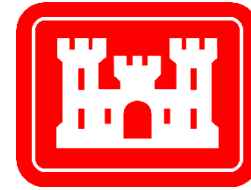
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## *Floodplain Management Services (FPMS)*

- ***Technical assistance*** for structural and nonstructural flood mitigation activities
- Supports Silver Jackets teams and Hazard Evacuation Studies



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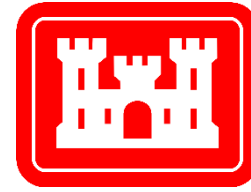


# USACE Resources

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## *Silver Jackets*

- CSO supporting more coastal focus
- Federal/State coordination teams
- State flood risk mitigation priorities
- Not limited to USACE
- Open now: FY20 Call for Interagency Nonstructural Flood Risk Management Proposals



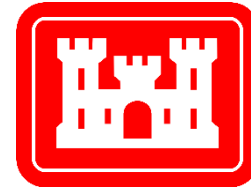
# USACE Resources

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## *Continuing Authorities Program (CAP)*

- §14 – Emergency Stream Bank & Shoreline Protection
- ***§103 – Shore Protection, Hurricane and Storm Damage Reduction***
- §107 – Navigation
- §1133 – Mitigation of Shoreline Erosion Caused by Federal Navigation
- ***§204 – Regional Sediment Management***
- ***§205 – Flood Damage Reduction***
- Cost Share Waiver for Territories
- CAP Program Process



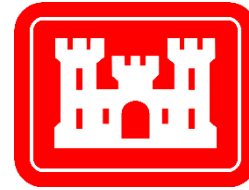


# USACE Resources

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## *Continuing Authorities Program (CAP)*

- **Planning Assistance to States (PAS)**
- Investigations to support development of water resource plans
- 50/50 cost share waived for territories
- Up to \$5,000,000/state
- Process for state & territory to work w/ USACE to use this authority

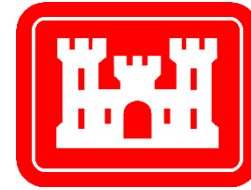


# USACE Resources

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## *Continuing Authorities Program (CAP)*

- ***§204 – Regional Sediment Management***
  - Subsection (e): state led Regional Sediment Management Plan
    - 100 Federal up to state investment
  - 204 to support BU on a Project
    - 65/35 cost share on delta cost
  - 50/50 cost share for feasibility studies after the first \$100,000

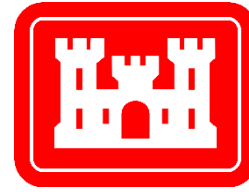


# USACE Resources

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## *Continuing Authorities Program (CAP)*

- ***§103 – Shore Protection, Hurricane and Storm Damage Reduction***
  - Investigations to mitigate property exposed to flooding and/or erosion
  - 65/35 cost share
  - 50/50 cost share for feasibility studies after the first \$100,000



# USACE Resources

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## *Continuing Authorities Program (CAP)*

- ***§205 – Flood Damage Reduction***
  - Study of flood problems and design/constructions for damage reduction
  - 65/35 cost share for plans, specifications, and construction
  - 50/50 cost share for feasibility studies after the first \$100,000

# Community Rating System (CRS) Resources

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## *CSO-ASFPF CRS Green Guide*

- Background on Green Guide
- Plain-language guide to joining and advancing in the CRS
- Element profiles for 25 “green” flood risk management activities
  - Ecosystem co-benefits
  - Point calculations and stackable credits
  - Degree of difficulty for implementation and documentation
  - Best practices
- Case studies from successful communities
- Links to resources – Network to resources



# CRS Resources

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## *Green Guide*

- Make cost-benefit decisions on where to start, or how to advance
- Tips on documenting and calculating credits
- Receive stackable credits







# CRS Resources

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## *Digital Coast CRS Tools and Resources*

- Data
  - National Land Cover Dataset
  - National Hydrography Dataset
  - Soil Survey Geographic Database
- Tools
  - Coastal Flood Exposure Mapper
  - Impervious Surface Analysis Tool
- Training materials
  - Coastal Community Planning and Development
  - Intro to Green Infrastructure for Coastal Resilience
- Digital Coast Partnership – network of resources



FEMA



# FEMA Resources

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## *Hazard Mitigation Assistance*

- Hazard Mitigation Grant Program (HMGP) & Pre-Disaster Mitigation (PDM)
- Competitive
- Generally 75/25 cost share
- Available to states, territories, tribes, and local communities as sub-applicants applying through states and territories



FEMA



# FEMA Resources

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## *Hazard Mitigation Assistance*

- Hazard Mitigation Grant Program
  - Available post-disaster
  - Funds mitigation, e.g.:
    - Hazard mitigation planning
    - Acquisition and demolition
    - Elevation, floodproofing, and wind retrofit
    - Code enforcement
  - 5 Percent Initiative - innovative projects that are difficult to evaluate using FEMA-approved cost-effectiveness methodologies



FEMA



# FEMA Resources

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## *Hazard Mitigation Assistance*

- Pre-Disaster Mitigation Grant Program
  - Annual competition
  - DRRA supplements National Public Infrastructure Pre-Disaster Mitigation Fund with 6% of annual disaster funding
  - 90/10 cost share available for small impoverished communities



FEMA



# FEMA Resources

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## *Hazard Mitigation Assistance*

- Flood Mitigation Assistance Program
  - Annual competition
  - For communities with repetitive loss strategy”
    - 90/10 cost share available for repetitive loss property mitigation
    - 100/0 cost share available for severe repetitive loss property mitigation



FEMA



# FEMA Resources

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## *Public Assistance*

- Emergency assistance post-disaster to recover public infrastructure
- §406 Mitigation – bring public property into compliance with building code
  - DRRA allows communities to update codes post-disaster and use funds to bring public property into compliance with the new code
- 75/25 cost share





# NOAA Resources

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## *Working in Partnership with States and Territories*

- NOAA National Ocean Service and Office for Coastal Management provide a wealth of tools and resources to support state and territory partners in risk reduction
- National Center for Coastal and Ocean Sciences (NCCOS) – corals, aquaculture, other
- Digital Coast, Sea Grant, Integrated Ocean Observing System, Marine Sanctuaries, etc.
- Funding, technical support, tools and products, partnerships, etc.



# EPA Resources

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## *Embracing and Advancing Shared Priorities*

- CSO has new partnership with EPA Office of Wetlands, Oceans, and Watersheds (OWOW)
- Coastal Management and Partnerships Branch
- Climate Ready Estuaries, Clean Marinas, National Estuaries Program, more
- EPA HQ, Regions, State/Territory Partners



# Other Agencies to Consider

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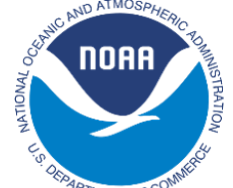
## *Mentioned*

- NOAA, USACE, EPA, FEMA



## *Many More:*

- USGS, USFWS, Insular Affairs, NPS, BOEM, DOD, Agriculture, EDA, HUD, others

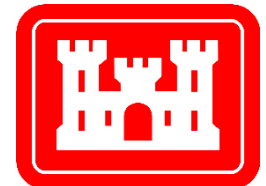


FEMA



## *Recall, both Substance and Process:*

- CSO Approach





# Thank You

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